

BARBER - M24 0169991

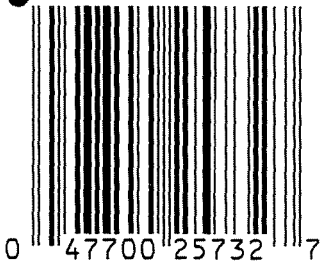
G 664 4492

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0169991~~ 70030

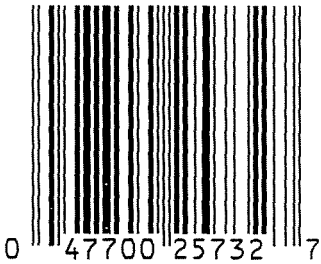
ORDER 25732
M/24 7.62 NATO (RIFLE ONLY)

UPC



ORDER 25732
M/24 7.62 NATO (RIFLE ONLY)

UPC



SERIAL NO.



M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

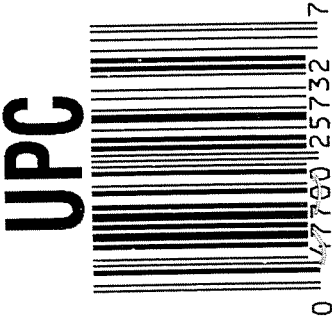
- INSTRUCTION BOOK 3518

DD FORM 200348



ORDER NO.	25732
BARREL LENGTH	24"
CAPACITY	5

G6644492



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6644492

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		5-1-07	RTZ
420	ASSEMBLE ACTION		4/30/07	APD
430	ASSEMBLE TO STOCK		5-1-07	FM
440	PROOF		5-1-07	TRW
460	CHECK HEADSPACE		5-1-07	TRW
470	DIS-ASSEMBLE ACTION		5-2-07	RTZ
480	MAGNAFLUX BBL ACTION		5/3/07	unm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		5-3-07	CW
510	DRILL AND TAP SIGHT HOLES		5-2-07	SD
520	GOFF BLAST BBL / REC		5-4-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		5/9/07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		5-10-07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-10-07	APD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-10-07	APD
	D) OIL FIRING PIN ASSEMBLY		5-10-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/18/07	unm

F004 REV 5/2006

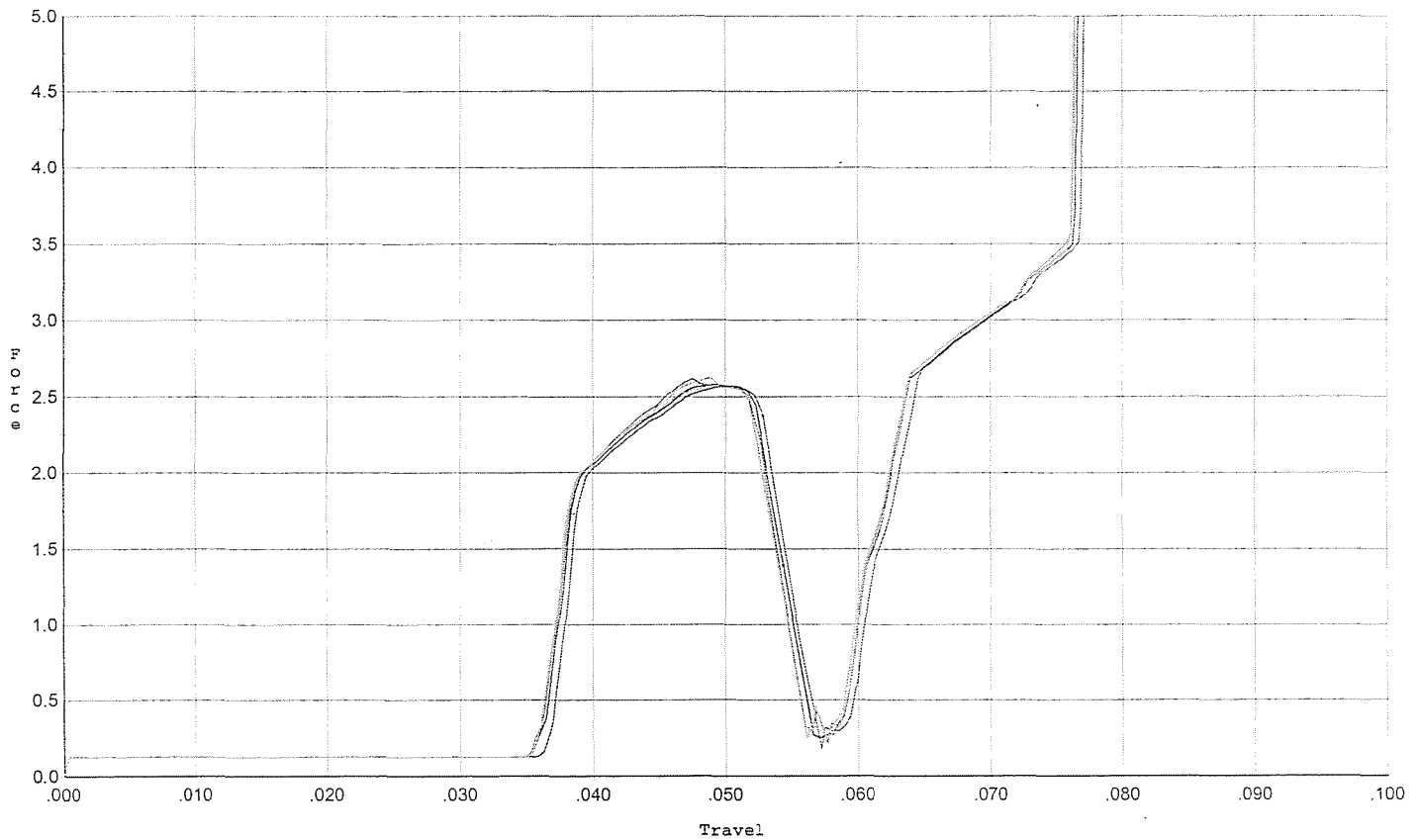
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.25</u> <u>6.5</u> <u>6.5</u>	5-17-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.25</u>	5-17-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		5/18/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0245</u> <u>.024</u>	5-17-07	TRW
	J) ASSEMBLE STOCK		5-10-07	TRW
	K) ASSEMBLE SWIVEL STUDS		5/18/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S	N/A		
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	5/16/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		5-16-07	SD
670	FINAL INSPECTION A) HEADSPACE		5/18/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.43</u> <u>2.41</u> <u>2.48</u> <u>2.49</u>	5-17-07	TRW
	C) FUNCTION		5/18/07	non
690	PACK		5-16-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/07/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.564	0.053	0.037	0.030	0.042		Set Trigger
2	2.578	0.054	0.036	0.030	0.044		Set Trigger
3	2.617	0.053	0.036	0.030	0.043		Set Trigger
4	2.623	0.053	0.036	0.030	0.043		Set Trigger
5	2.566	0.053	0.036	0.030	0.043		Set Trigger

AVG 2.59

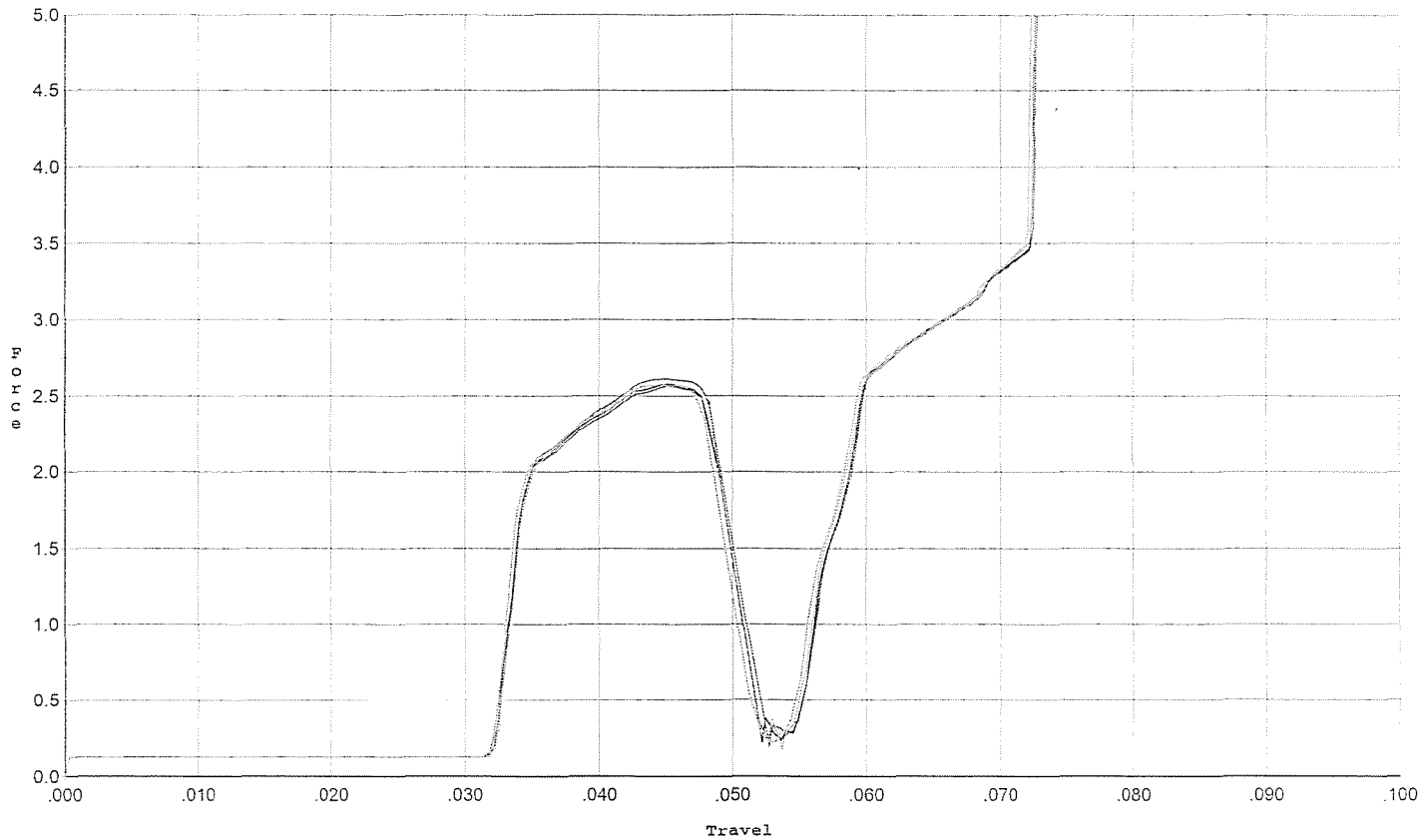
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 5/07/07

Model:
Serial No:
Trigger:

M/24
Form #F005
2.5 lbs. after 50 cycles +/- .50 lbs.



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.566	0.049	0.032	0.030	0.041		Set Trigger
2	2.577	0.049	0.032	0.030	0.042		Set Trigger
3	2.615	0.048	0.032	0.030	0.042		Set Trigger
4	2.584	0.049	0.033	0.030	0.041		Set Trigger
5	2.580	0.048	0.032	0.030	0.041		Set Trigger

AVG 2.58

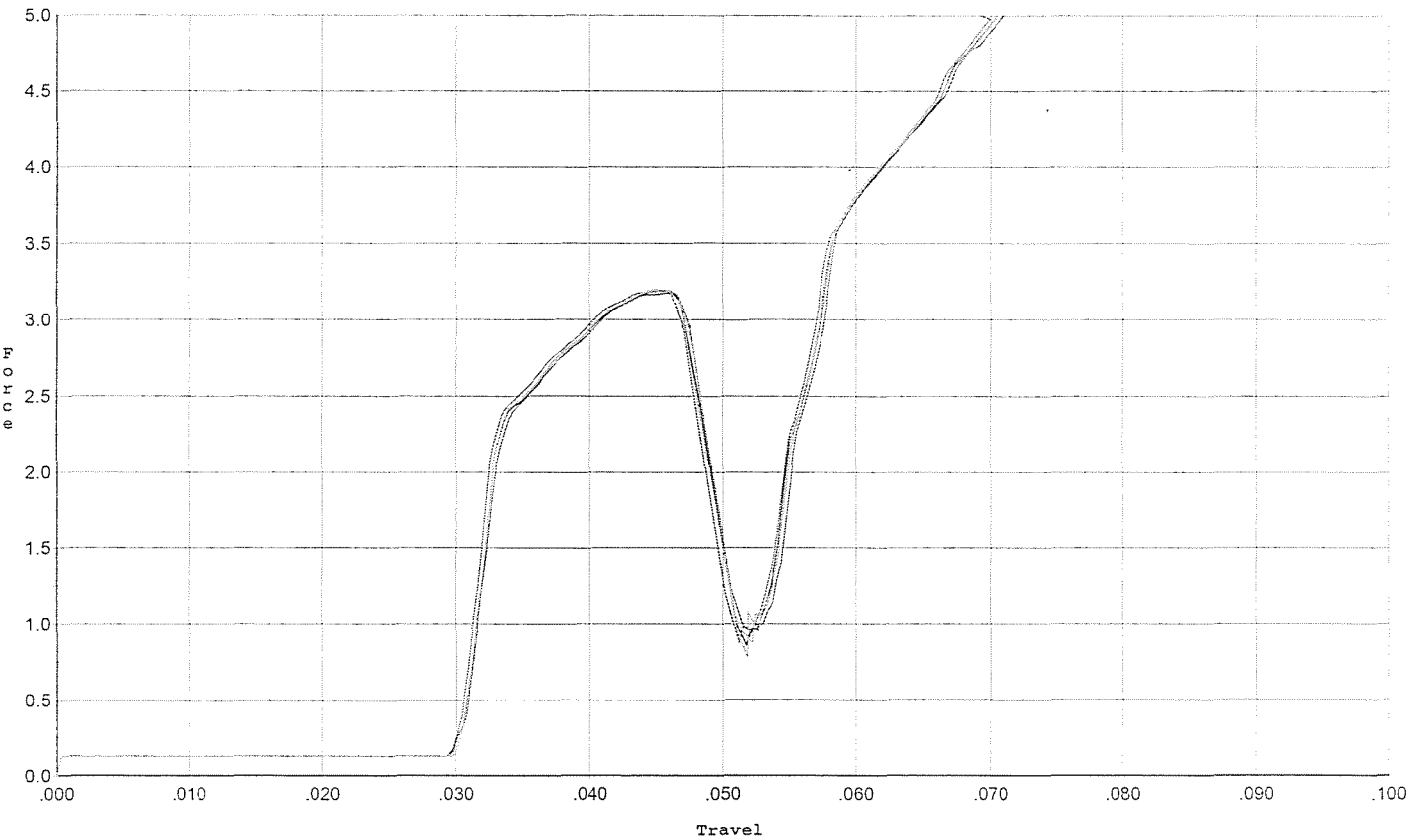
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 5/07/07

Model:
Serial No:
Trigger:

M/24
Form #F005
3.0 lbs. ini. +/- .75 lbs.



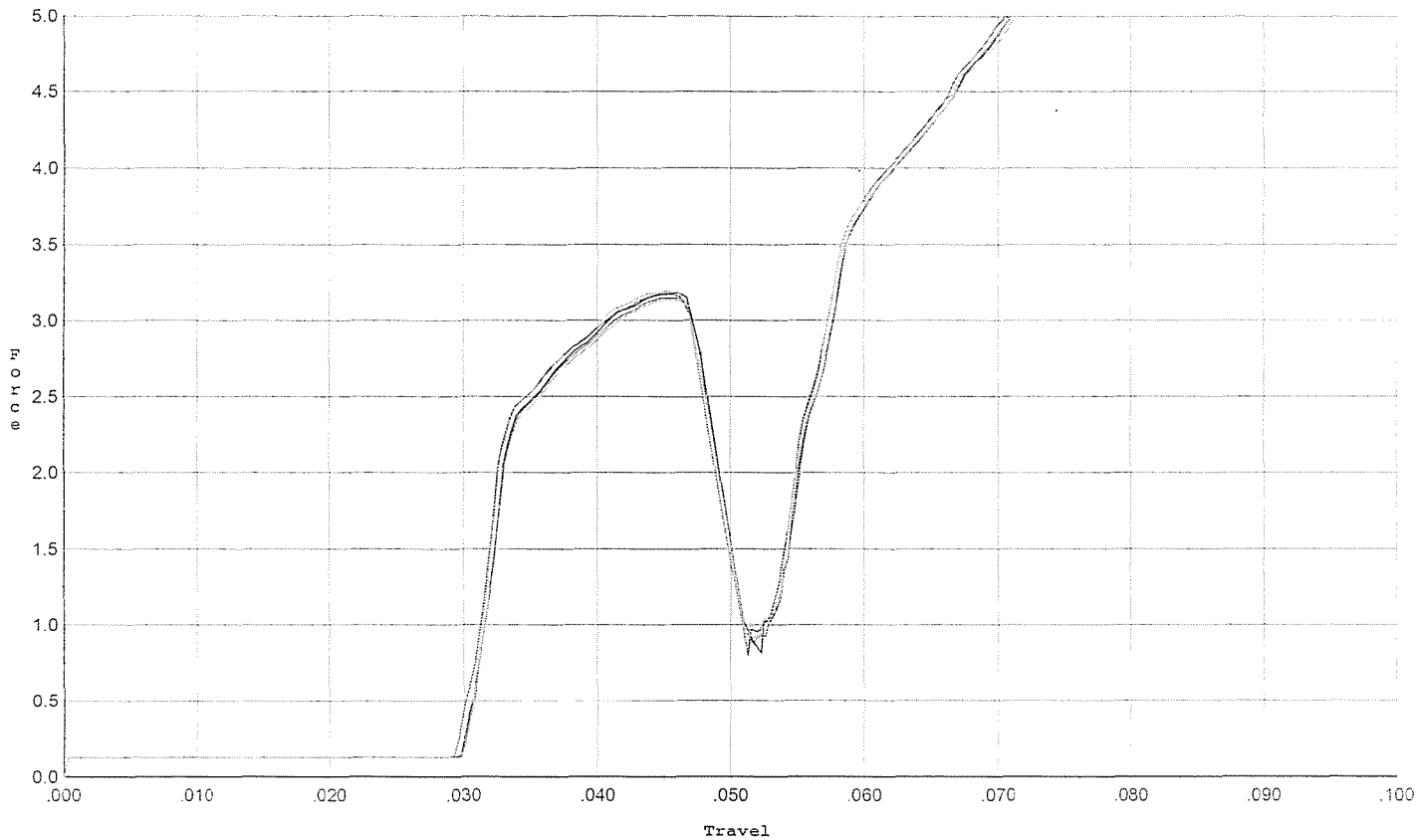
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.182	0.048	0.030	0.029	0.051		Set Trigger
2	3.191	0.048	0.030	0.028	0.052		Set Trigger
3	3.197	0.047	0.030	0.029	0.051		Set Trigger
4	3.204	0.048	0.030	0.029	0.051		Set Trigger
5	3.191	0.049	0.030	0.029	0.052		Set Trigger

Aug 3.19

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/07/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.180	0.047	0.030	0.029	0.050		Set Trigger
2	3.185	0.048	0.030	0.029	0.051		Set Trigger
3	3.152	0.048	0.030	0.029	0.051		Set Trigger
4	3.142	0.048	0.030	0.029	0.051		Set Trigger
5	3.199	0.047	0.030	0.029	0.050		Set Trigger

AVg 3.17

Trigger Profile [lbs,inch]

Profile

GunType:

Make:

Note:

SWS

Rifle

Remington

R. Putch 5/07/07

Model:

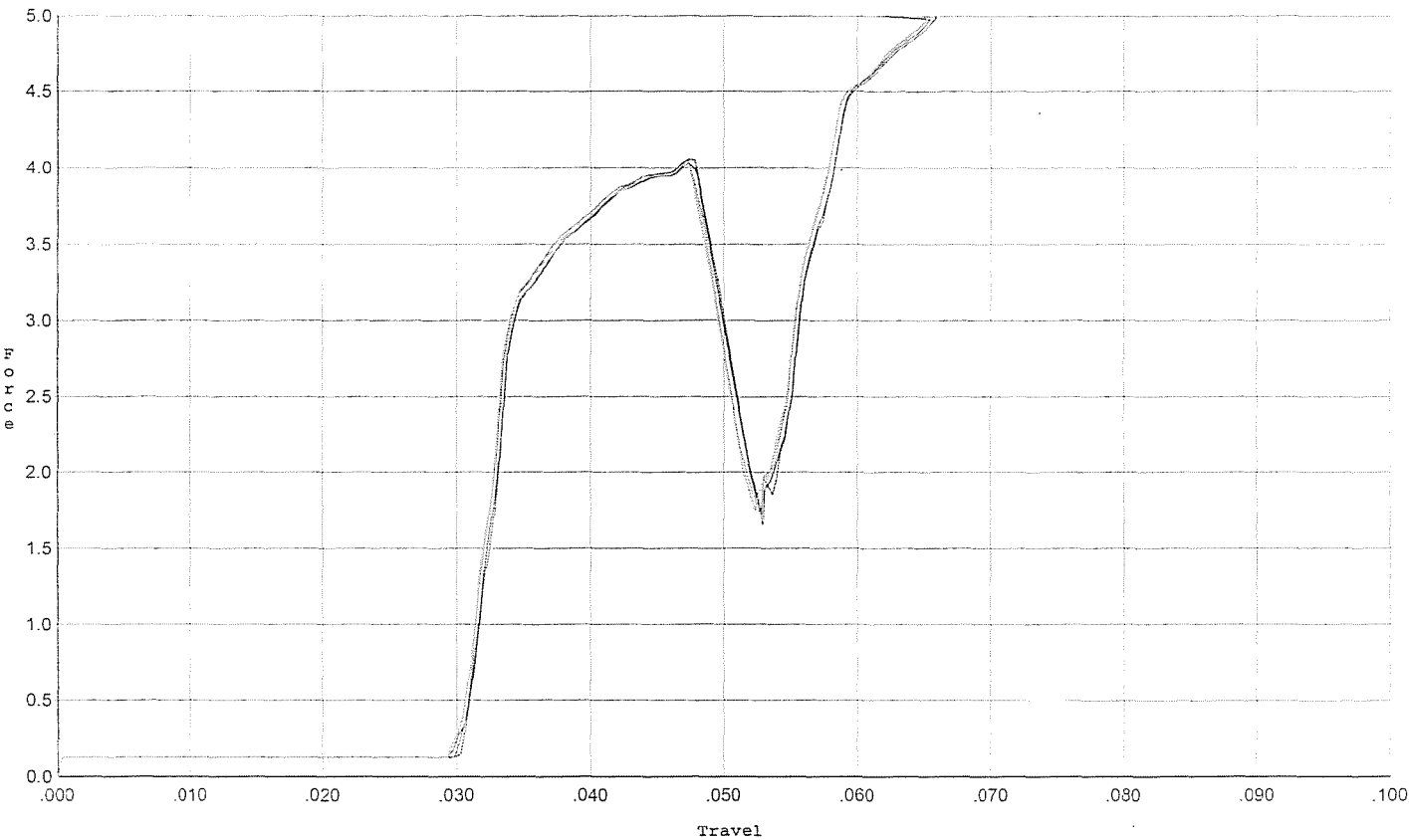
Serial No:

Trigger:

M/24

Form #F005

4.0 lbs. ini. +/- 1.0 lbs.



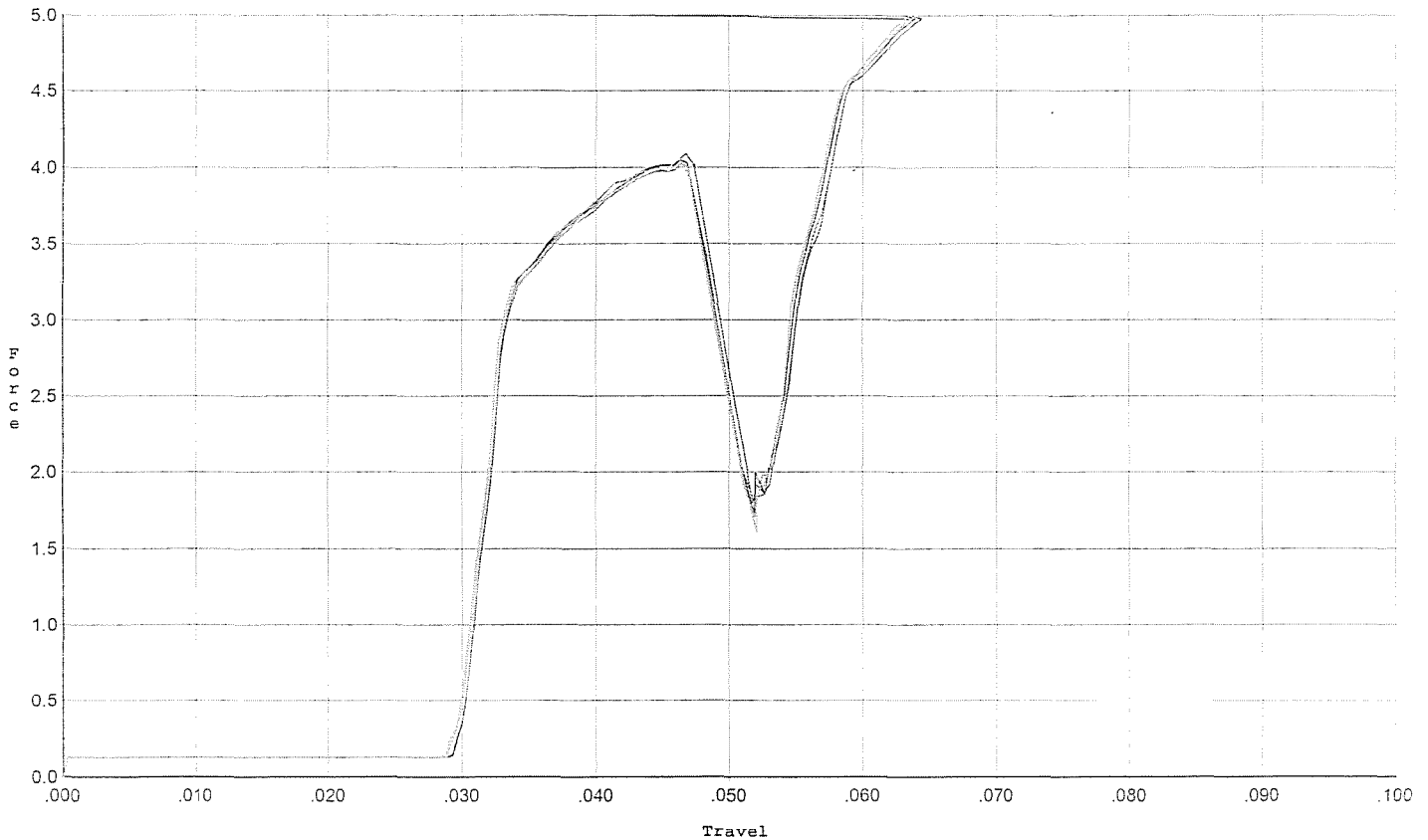
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.056	0.050	0.031	0.027	0.068		Set Trigger
2	4.032	0.048	0.030	0.027	0.065		Set Trigger
3	4.050	0.048	0.030	0.027	0.067		Set Trigger
4	4.015	0.049	0.030	0.027	0.067		Set Trigger
5	4.023	0.048	0.030	0.027	0.066		Set Trigger

AVG 4.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 5/07/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



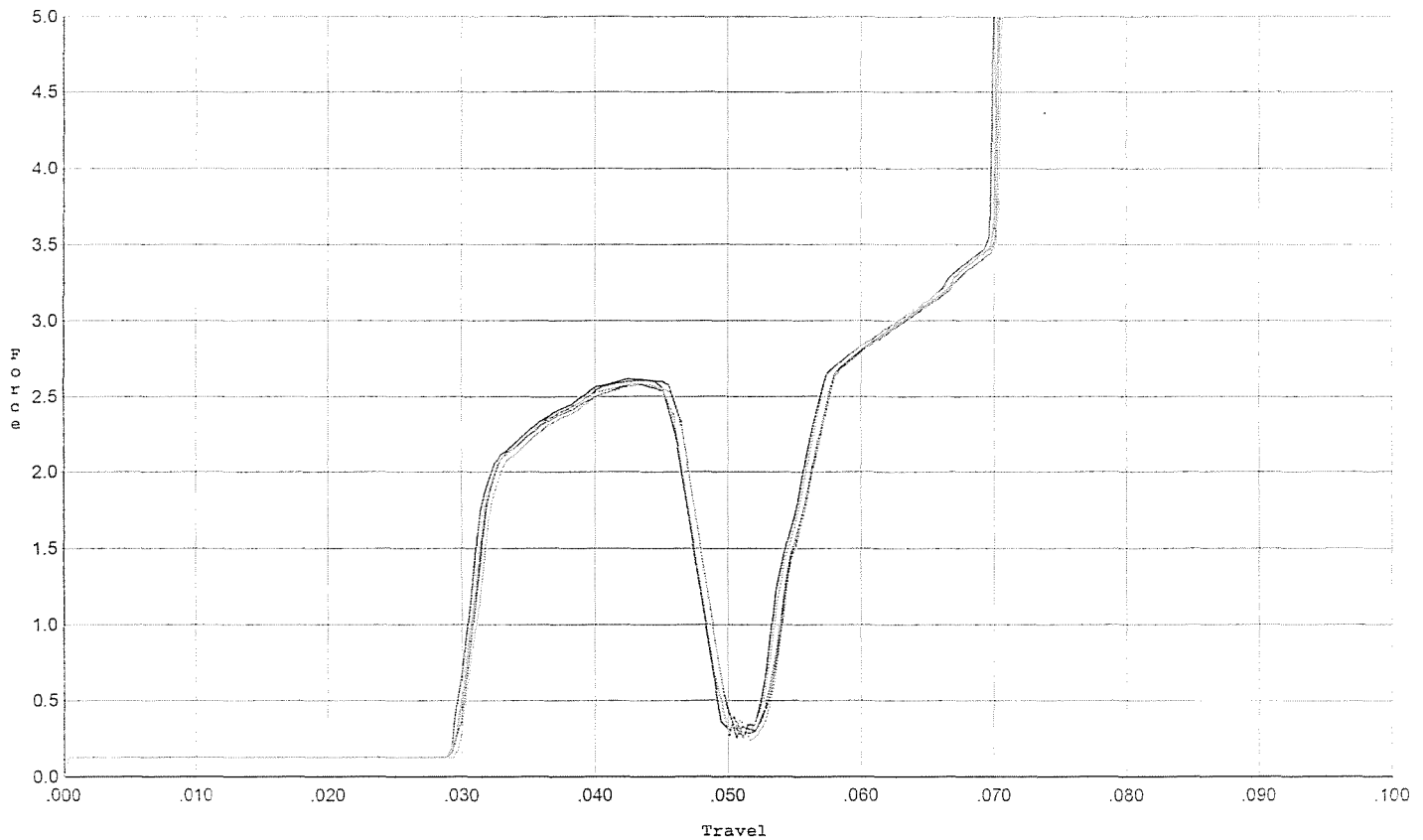
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.091	0.047	0.030	0.027	0.067		Set Trigger
2	4.047	0.048	0.030	0.027	0.068		Set Trigger
3	4.024	0.048	0.030	0.027	0.067		Set Trigger
4	4.039	0.049	0.029	0.027	0.068		Set Trigger
5	4.053	0.047	0.029	0.027	0.066		Set Trigger

Avg 4.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/07/07

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



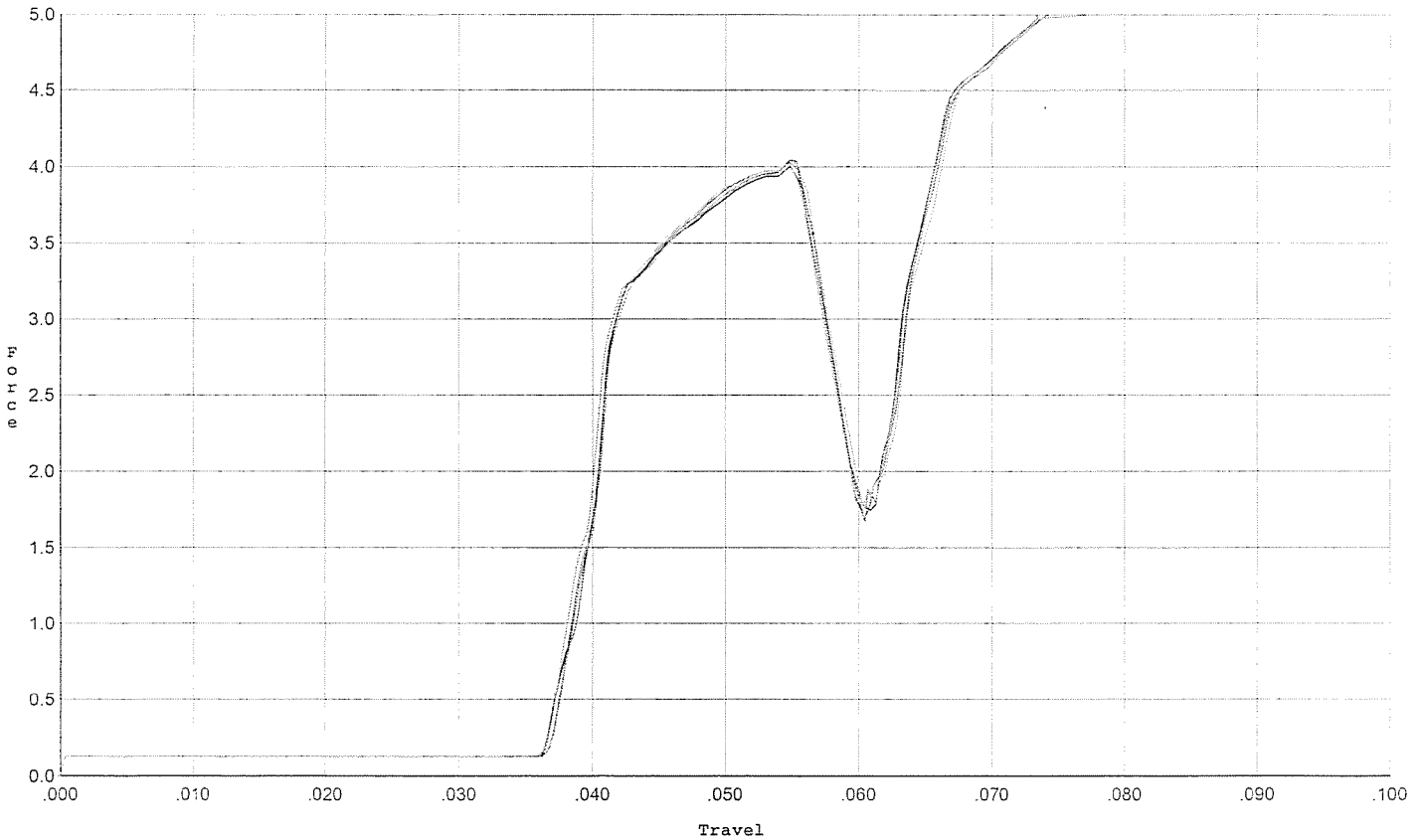
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.608	0.046	0.030	0.030	0.043		Set Trigger
2	2.618	0.046	0.029	0.029	0.042		Set Trigger
3	2.577	0.046	0.030	0.030	0.041		Set Trigger
4	2.588	0.046	0.029	0.030	0.042		Set Trigger
5	2.581	0.046	0.030	0.030	0.042		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/07/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.042	0.057	0.037	0.027	0.070		Set Trigger
2	4.003	0.056	0.037	0.027	0.068		Set Trigger
3	4.029	0.057	0.037	0.027	0.071		Set Trigger
4	4.021	0.056	0.037	0.027	0.069		Set Trigger
5	4.029	0.056	0.037	0.027	0.070		Set Trigger

Avg 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6644492.___0

FILE DATE AND TIME: 05/17/2007 01:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

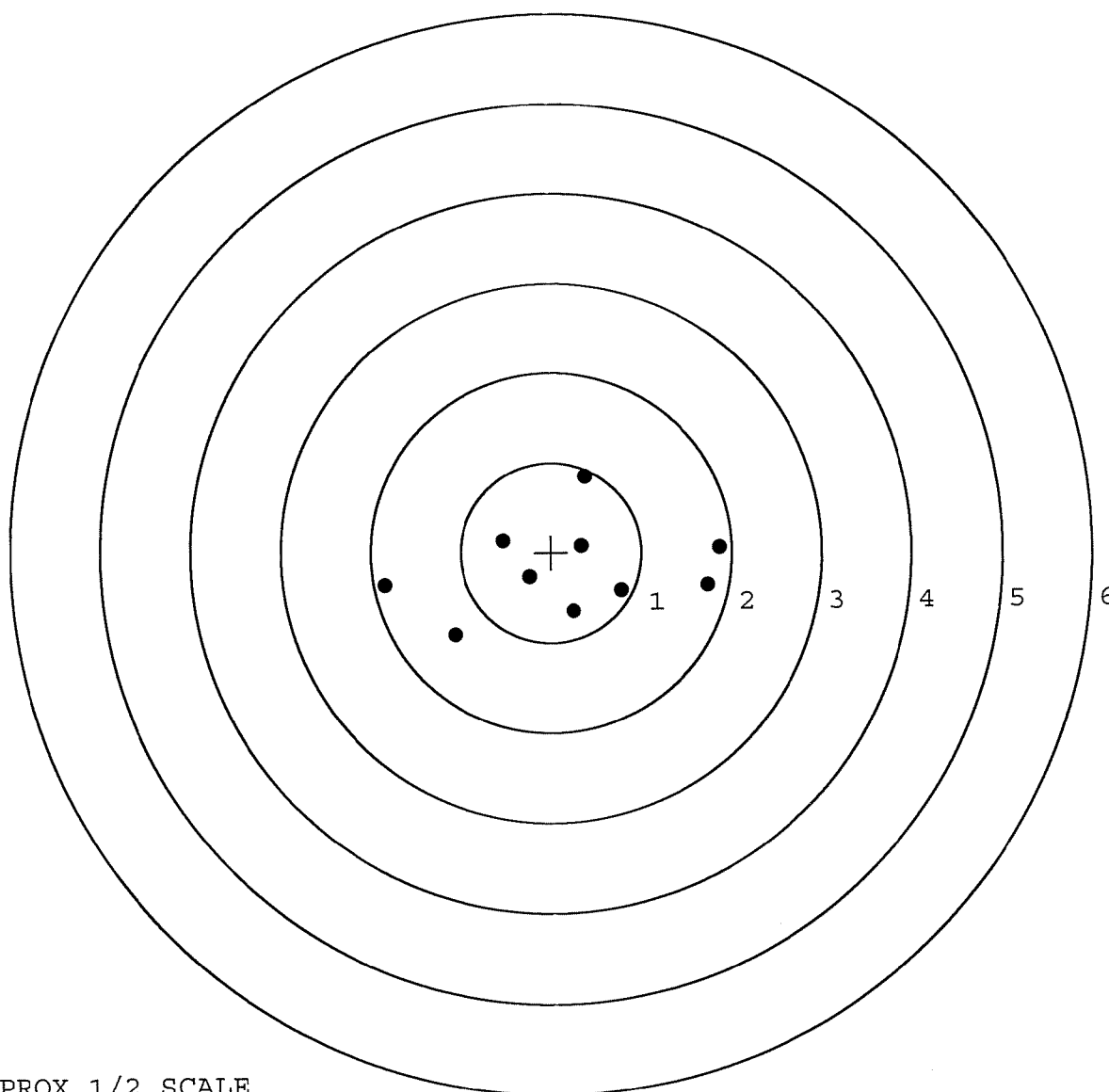
The Average X Centroid of the Five Target Set:	0.048
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.882
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.715
The Distance from Centroid Target #3 to Centroid Target #1:	0.310
The Distance from Centroid Target #4 to Centroid Target #1:	0.144
The Distance from Centroid Target #5 to Centroid Target #1:	0.171

BARBER - M24 0170005

SERIAL NUMBER: G6644492. __0
TARGET NUMBER: 1
FILE DATE: 05/17/2007
FILE TIME: 01:27

X CENTROID: 0.167
Y CENTROID: -0.189
POA TO CENTROID: 0.252
HORZ SPREAD: 3.714
VERT SPREAD: 1.756
GROUP SPREAD: 3.735
MIN RADIUS: 0.314
MAX RADIUS: 2.022
MEAN RADIUS: 1.043
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.527	0.129
2:	-0.246	-0.272
3:	0.345	0.069
4:	0.250	-0.659
5:	0.777	-0.422
6:	1.732	-0.370
7:	1.865	0.045
8:	0.389	0.846
9:	-1.071	-0.910
10:	-1.849	-0.350



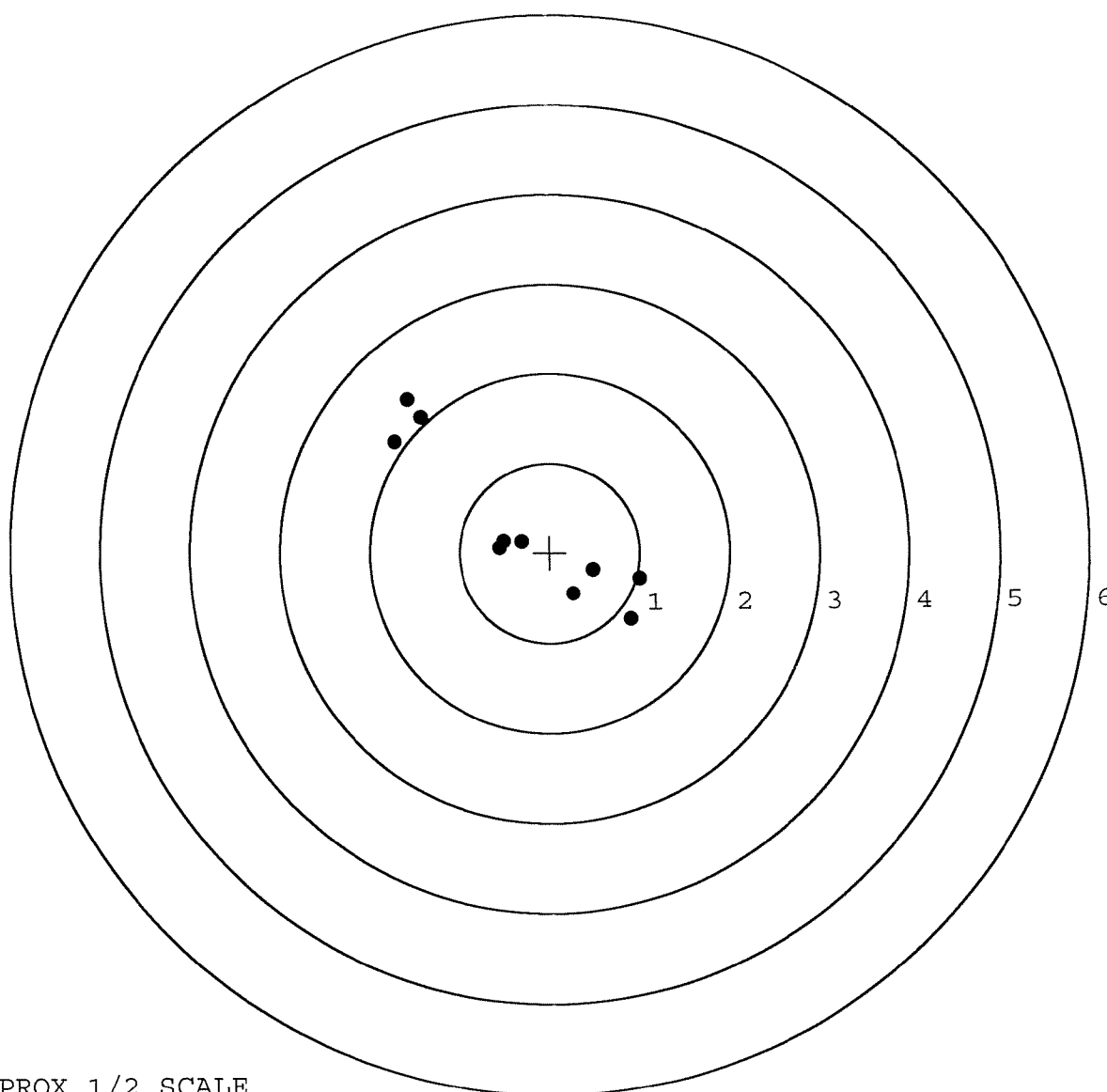
TARGET APPROX 1/2 SCALE

BARBER - M24 0170006

SERIAL NUMBER: G6644492. __0
 TARGET NUMBER: 2
 FILE DATE: 05/17/2007
 FILE TIME: 01:27

X CENTROID: -0.345
 Y CENTROID: 0.310
 POA TO CENTROID: 0.464
 HORZ SPREAD: 2.710
 VERT SPREAD: 2.469
 GROUP SPREAD: 3.491
 MIN RADIUS: 0.188
 MAX RADIUS: 1.872
 MEAN RADIUS: 1.098
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-0.313	0.125
2:	-0.510	0.127
3:	-0.558	0.054
4:	0.265	-0.459
5:	0.482	-0.196
6:	0.996	-0.300
7:	0.895	-0.746
8:	-1.714	1.249
9:	-1.423	1.526
10:	-1.573	1.723



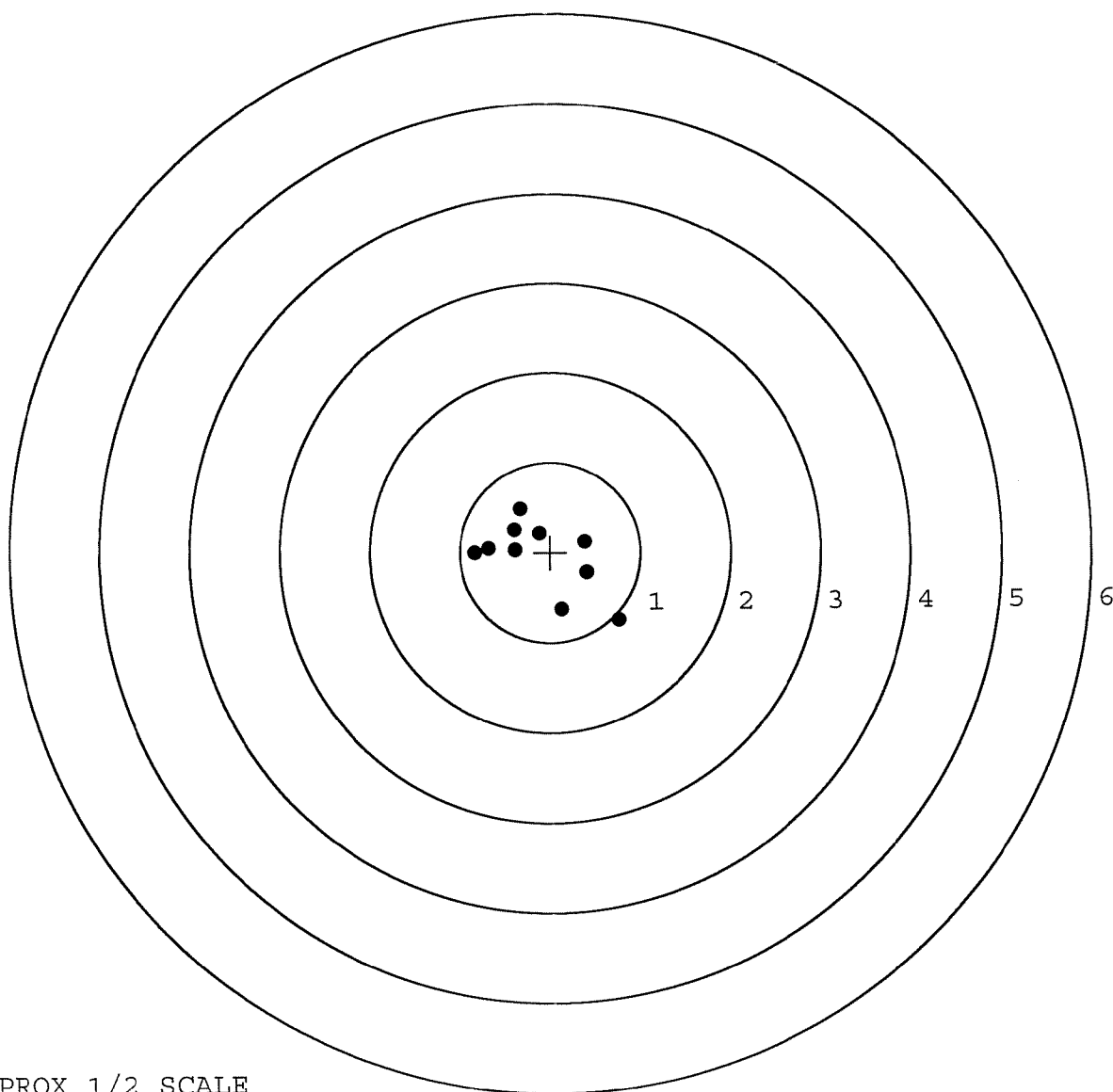
TARGET APPROX 1/2 SCALE

BARBER - M24 0170007

SERIAL NUMBER: G6644492. __0
 TARGET NUMBER: 3
 FILE DATE: 05/17/2007
 FILE TIME: 01:27

X CENTROID: -0.110
 Y CENTROID: -0.047
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.593
 VERT SPREAD: 1.244
 GROUP SPREAD: 1.766
 MIN RADIUS: 0.257
 MAX RADIUS: 1.118
 MEAN RADIUS: 0.568
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.333	0.486
2:	-0.397	0.247
3:	-0.121	0.209
4:	-0.393	0.031
5:	-0.682	0.053
6:	-0.839	0.004
7:	0.387	0.116
8:	0.407	-0.221
9:	0.122	-0.640
10:	0.754	-0.758



TARGET APPROX 1/2 SCALE

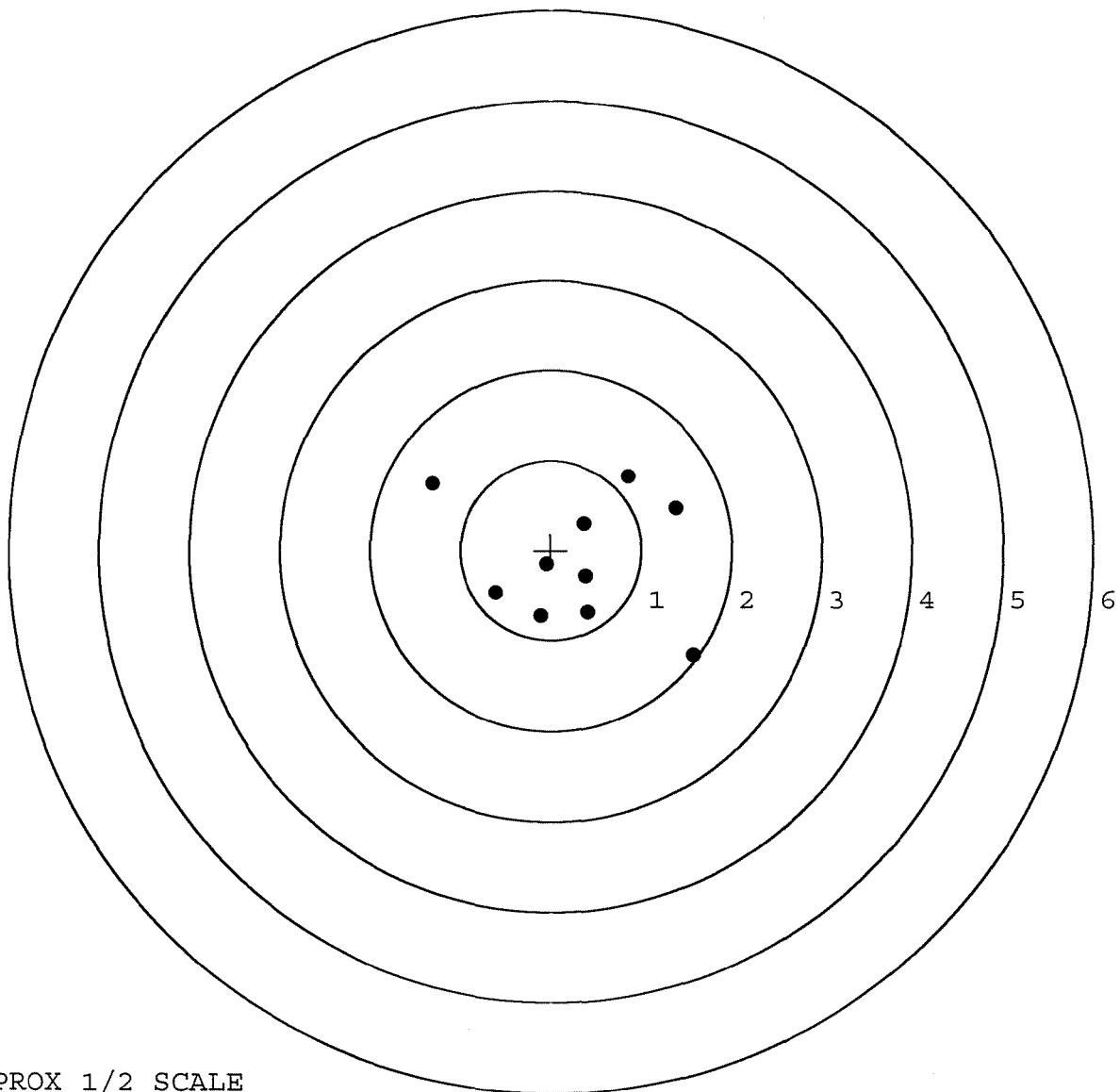
BARBER - M24 0170008

SERIAL NUMBER: G6644492. __0
TARGET NUMBER: 4
FILE DATE: 05/17/2007
FILE TIME: 01:27

X CENTROID: 0.291
Y CENTROID: -0.116
POA TO CENTROID: 0.313
HORZ SPREAD: 2.887
VERT SPREAD: 1.984
GROUP SPREAD: 3.458
MIN RADIUS: 0.199
MAX RADIUS: 1.815
MEAN RADIUS: 0.907

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.309	0.743
2:	-0.608	-0.468
3:	-0.115	-0.737
4:	0.409	-0.691
5:	0.393	-0.286
6:	0.369	0.306
7:	0.859	0.824
8:	1.380	0.470
9:	1.578	-1.160
10:	-0.050	-0.157



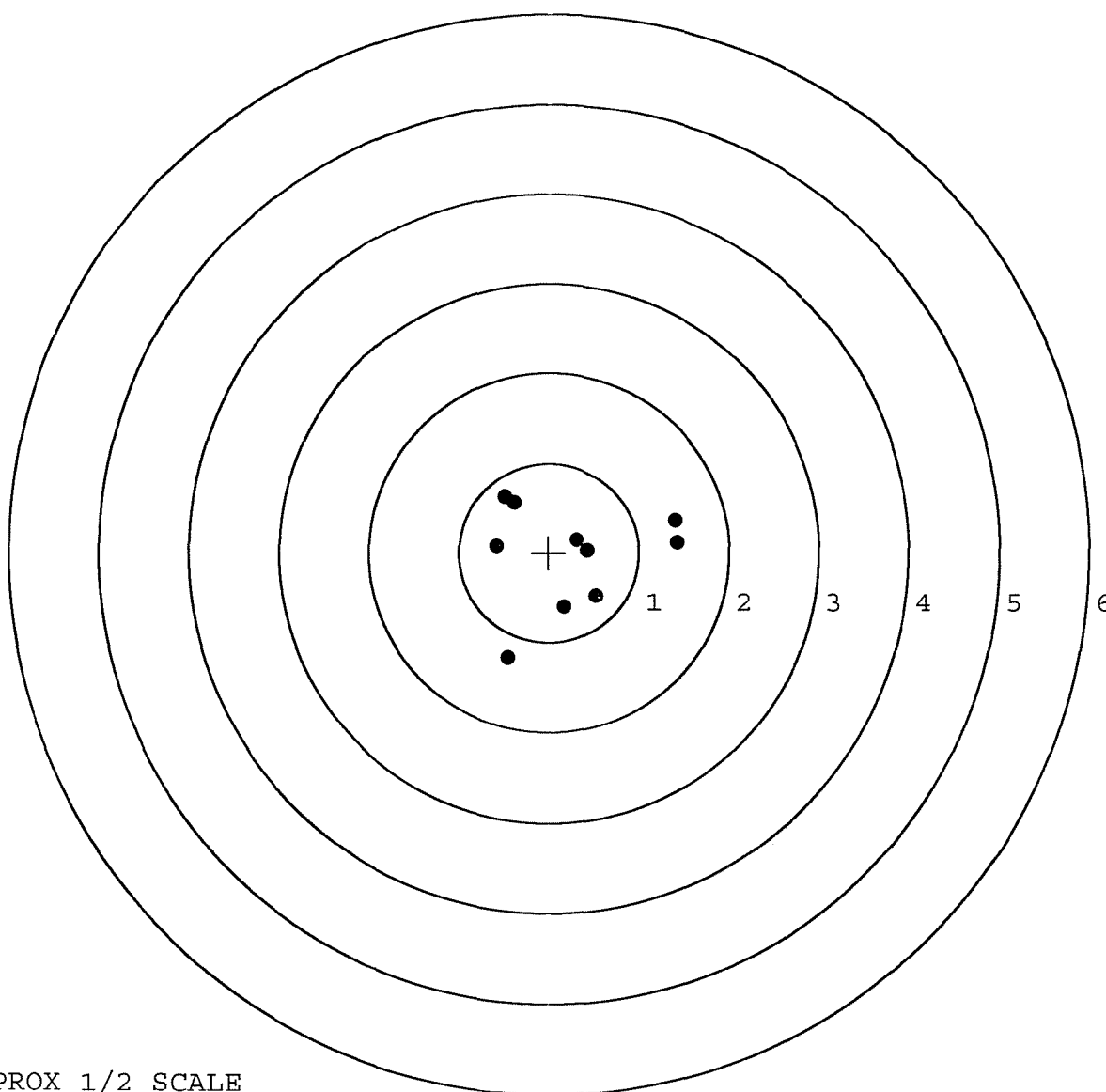
TARGET APPROX 1/2 SCALE

BARBER - M24 0170009

SERIAL NUMBER: G6644492. __0
TARGET NUMBER: 5
FILE DATE: 05/17/2007
FILE TIME: 01:27

	POINT#	X	Y
	1:	-0.491	0.632
	2:	-0.381	0.563
	3:	-0.576	0.076
	4:	0.311	0.149
	5:	0.430	0.029
	6:	0.532	-0.480
	7:	0.170	-0.607
	8:	1.417	0.115
	9:	1.400	0.364
	10:	-0.452	-1.176

X CENTROID: 0.236
Y CENTROID: -0.034
POA TO CENTROID: 0.238
HORZ SPREAD: 1.993
VERT SPREAD: 1.808
GROUP SPREAD: 2.409
MIN RADIUS: 0.197
MAX RADIUS: 1.334
MEAN RADIUS: 0.793
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE